

Alaska Agricultural Statistics 2014 Annual Bulletin

Compiled by the

**United States Department of Agriculture
National Agricultural Statistics Service
Alaska Field Office**

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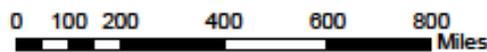
**United States Department of Agriculture
National Agricultural Statistics Service
Joseph T. Reilly, Administrator**

and

**Alaska Department of Natural Resources
Division of Agriculture
Franci Havemeister, Director**

Alaska Agricultural Regions

Data is published by region where available.
These regions are comparable to Census of Agriculture regions.



USDA/National Agricultural Statistics Service



THE STATE
of **ALASKA**
GOVERNOR SEAN PARNELL

Department of Natural Resources

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November 2014

Dear Agricultural Community:

The Division of Agriculture in cooperation with the USDA Alaska Agricultural Statistics Service, the University of Alaska Cooperative Extension Service and the University of Alaska Agriculture & Forestry Experiment Station is proud to present the Alaska Agriculture's Annual Statistical data.

The vision of the Division of Agriculture is to promote an economically stable agriculture industry for Alaska that can enhance the quality of life for its people, create sustainability of its communities, and encourage new business development opportunities for all Alaskans. We continue to seek direction from industry and address its concerns.

The reporting, compilation, and editing work undertaken by Alaska farmers and Suzan Benz from Alaska Agricultural Statistics Service are appreciated in their efforts to grow agriculture in Alaska.

Sincerely,

A handwritten signature in cursive script that reads "Franci Havemeister".

Franci Havemeister
Director

FH/lh

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Bulletin published January 2015

REPORTS AVAILABLE:

Alaska Farm Reporter – Approximately 4 times a year, Alaska Crop Weather - Weekly (May – Sept.).

Contact us by phone: 1-800-478-6079, email: nassrfo_nwr@nass.usda.gov, or write to us at:

Alaska Agricultural Statistics Service, P.O. Box 799, Palmer, AK 99645

OR

View our reports on the Internet at http://www.nass.usda.gov/Statistics_by_State/Alaska/index.asp

All NASS Reports can also be found at: <http://www.nass.usda.gov/index.asp>

Data from past years may be obtained by viewing one of the above websites or by calling and requesting the data.

Revision Policy of the National Agricultural Statistics Service (NASS):

Most estimates are subject to revision, if necessary, when the next estimate is prepared. Revisions are made to provide data users with the best possible data for evaluating the current estimates. Revisions are based on additional data, such as new surveys, late reports, corrected data or more complete administrative data. Revisions may also be based on a re-evaluation of previous survey data when making current estimates to improve survey-to-survey relationships. When the Census of Agriculture becomes available every 5 years, all estimates made during these 5 years are reviewed for possible revisions. After reviewing estimates with Census data, there are no further revisions to NASS estimates. This publication generally contains eight years of data. The estimates for the next to last year may have been revised since the previous issue of this publication. Additionally, the estimates for the most recent year may be revised after this publication is printed.

Alaska Agricultural Statistics Service

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The Alaska Agricultural Statistics Service is pleased to publish our 54th annual bulletin “Alaska Agricultural Statistics 2014”. This is the third year that the Bulletin is being published exclusively online.

This publication includes statistics on Alaskan agriculture for 2013 and previous years. These data include state level statistics on crops, livestock, cash receipts, number of farms and value of production, as well as breakdowns by geographic regions when available. Data will no longer be published for potato stocks, vegetables and hay by area due to budget cuts and changes in the federal program.

The data for this publication comes from surveys conducted throughout the year. This publication would not be possible without the active cooperation of the Alaskan producers, agri-businesses, county extension agents, university staff, weather reporters and other government agencies. A special thank you goes to the farmers and ranchers who took time from their busy schedules to respond to our surveys.

Individual survey results obtained by the National Agricultural Statistics Service are kept strictly confidential. The data collected, as well as names and addresses, are not released to anyone outside this agency, including other USDA and government entities. Information is summarized and published such that no individual operation can be identified. Summarized results are released to everyone free of charge.

We appreciate your interest in Alaskan agriculture and enjoy presenting to you how “**Agriculture Counts**” in the Last Frontier.

Suzan Benz
Agricultural Statistician



ALASKA CASH RECEIPTS FROM FARM MARKETINGS 2006 - 2013 ^{1/}

	2006	2007	2008	2009	2010	2011	2012	2013
Thousand Dollars								
Total All Commodities	32,399	33,064	29,981	30,098	30,673	30,740	32,435	30,683
Total Livestock Products	7,868	6,973	5,982	5,893	7,121	7,270	7,476	6,959
All Meat Animals	3,014	2,316	2,185	2,140	2,908	3,037	3,485	3,327
Cattle & Calves	2,589	1,976	1,877	1,772	2,420	2,687	3,293	3,135
Hogs & Pigs	425	340	308	368	488	350	192	192
Dairy Products - Milk	1,869	1,824	1,392	1,348	1,610	1,549	1,296	660
All Miscellaneous Livestock	2,985	2,833	2,405	2,405	2,604	2,684	2,695	2,972
Total All Crops	24,531	26,091	23,999	24,204	23,552	23,470	24,959	23,724
All Feed Crops	3,554	5,326	3,903	4,743	4,808	4,557	5,982	4,087
All Vegetables	5,762	5,610	4,676	5,026	5,234	5,372	5,295	5,435
All Other Crops	15,215	15,155	15,420	14,435	13,510	13,541	13,682	14,202

1/ Includes cash receipts from all crop and livestock commodities in Alaska.

2/ Data from 2003-2007 has been revised to reflect a definitional change in what is considered aquaculture. Prior to 2003 operational cost recouped by private non-profit hatcheries were included in cash receipts for agriculture. From 2003 on, aquaculture consists of aquatic farms producing oysters, clams, mussels and other commodities like scallops, seaweed and sea cucumbers. Data provided by Alaska Department of Fish & Game.

Source: USDA ERS, USDA NASS. Totals may not add due to rounding

**ALASKA AND U.S. PRICES RECEIVED FOR CROPS,
ALL MILK AND MILK COWS 2006 – 2013**

Year	Barley (Bu.)	Oats (Bu.)	All Hay (Ton)	Potatoes ^{1/} (Cwt.)	All Milk (Cwt.)	Milk Cows (Head)
Dollars						
ALASKA						
2006	3.55	2.45	250.00	20.20	20.10	1,300.00
2007	3.65	2.80	270.00	20.10	22.80	1,200.00
2008	4.50	3.00	315.00	24.80	23.60	1,300.00
2009	4.45	3.05	310.00	24.20	24.50	1,300.00
2010	4.40	3.35	305.00	23.80	24.40	1,300.00
2011	4.50	3.45	300.00	23.70	24.20	1,300.00
2012	5.35	3.60	315.00	27.60	24.00	1,250.00
2013	5.40	3.75	395.00	23.50	22.00	1,200.00
UNITED STATES						
2006	2.85	1.87	110.00	7.31	12.96	1,730.00
2007	4.02	2.63	127.00	7.51	19.21	1,830.00
2008	5.37	3.15	152.00	9.09	18.45	1,950.00
2009	4.66	2.02	108.00	8.25	12.93	1,390.00
2010	3.86	2.52	114.00	9.20	16.35	1,330.00
2011	5.35	3.49	178.00	9.41	20.25	1,420.00
2012	6.43	3.89	187.00	8.63	18.56	1,430.00
2013	6.06	3.75	176.00	9.71	20.12	1,380.00

^{1/} U.S. potato price is point of first sale. Alaska price may includes storage, packing, marketing and delivery costs.

**ALASKA NUMBER OF FARMS AND LAND IN FARMS
BY ECONOMIC SALES CLASS 2006 - 2013**

	2006	2007	2008	2009	2010	2011	2012	2013
Number of Farms ^{1/}	640	680	700	710	720	740	760	760
\$1,000 – 9,999	330	360	370	370	370	380	380	380
\$10,000 +	310	320	330	340	350	360	380	380
Thousand Acres								
Land in Farms	900	900	870	860	850	840	830	830
\$1,000 – 9,999	350	350	280	280	280	270	270	270
\$10,000 +	550	550	590	580	570	570	560	610
Acres								
Average Size of Farms	1,406	1,406	1,243	1,211	1,181	1,135	1,092	1,092

^{1/} Includes farms and ranches with annual sales of \$1,000 or more.

ALASKA WEATHER AND CROP SUMMARY – 2013

The 2013 growing season got off to a slow start in May with cooler than normal temperatures and wet conditions the first three weeks of May. Snow fell across most of the growing areas the third week of the month. Spring finally arrived the last week of May with still cool temperatures but little precipitation. Field work was two weeks behind schedule. By May 28th, 60% of the barley crop was planted, oats were 40% planted and potatoes were 35% planted. This is well below the 5 year averages for that date of 90%, 71% and 62%, respectively.

June temperatures were generally warmer than normal with lower than normal precipitation. By month's end barley was 20% headed, oats were 30% in-boot, potatoes were 85% emerged and the first cutting hay harvest was 35% complete. The first two weeks of July were cooler than normal but temperatures were above normal the last two weeks. Precipitation was below normal for July. First cutting hay was 95% complete by the end of July with yields reported well below normal. Second cutting was just underway. Barley was 15% turning color, while oats were 20% in dough.

August temperatures were warmer than normal, however the Interior had below freezing temperatures the last week of August. Precipitation varied, with the Interior drier than normal but Southcentral and the Kenai wetter than normal. By the end of August barley was 40% harvested, while oats were 5% harvested. Second cutting hay harvest was 45% complete. September temperatures were warmer than normal the first two weeks but cooler than normal the rest of the month. Precipitation was above normal for in Southcentral and on the Kenai but below normal for the Interior. By the end of September barley and oat harvests were complete, while potatoes and second cutting hay were 70% harvested.

Temperatures were above normal for October and the first two weeks of November. Precipitation was above normal except in the Interior where it was below normal. Temperatures were below normal for the last two weeks of November and December with precipitation varying depending on the area.

BARLEY was planted on 3,600 acres in 2013, down from the 4,600 acres planted in 2012. Growers harvested 3,300 acres for grain, down from the 4,300 acres harvested in 2012. **GRAIN** production was 110,000 bushels, down from 207,000 bushels harvested in 2012. Yields were 33.3 bushels per acre, and compares with 48.1 bushels per acre in 2012. The 2013 crop was valued at \$594,000, down from the 2012 value of \$1,107,000.

OATS were planted on 1,300 acres in 2013, down 1,100 acres from a year earlier. Growers harvested 400 acres of oats for grain, a decrease of 500 acres from 2012. Oats for **GRAIN** production was 15,000 bushels, down from 59,000 bushels in 2012. The yield averaged 37.5 bushels per acre and compares with 65.6 bushels per acre in 2012. Value of the 2013 crop, at \$56,000, compares with \$212,000 in 2012.

ALL HAY production of 15,000 tons was down 12,000 tons from the 2012 production. The State's average yield at 0.75 tons per acre compares with 1.23 tons per acre in 2012. This is the second lowest yield since statehood. The 2013 crop was harvested from 20,000 acres, down 2,000 acres from a year earlier. Value of production of all hay at \$5,925,000 was down \$2,580,000 from the previous year.

All **POTATO** production of 130,000 cwt was harvested from 620 acres in 2013. This compares with 140,000 cwt from 650 acres in 2012. At \$3,055,000, the value of production was down \$809,000 from the 2012 crop.

ALASKA CROPLAND UTILIZATION 2006 - 2013

Crops	2006	2007	2008	2009	2010	2011	2012	2013
PLANTED AREA (Acres)								
Potatoes	860	890	800	780	760	750	680	650
All Oats	2,000	1,900	1,700	1,700	1,900	2,100	2,400	1,300
All Barley	4,500	4,100	4,100	4,800	4,400	5,200	4,600	3,600
HARVESTED AREA (Acres)								
Potatoes	840	870	780	740	750	720	650	620
Oats for Grain	800	1,000	500	900	800	1,000	900	400
Barley for Grain	4,200	3,900	3,400	4,400	4,200	4,800	4,300	3,300
All Hay	20,000	23,000	18,000	20,000	20,000	19,000	22,000	20,000

ALASKA BARLEY AND OATS 2006 - 2013

District	Year	Area Planted Acres (000)	Area Harvested for Grain				Area Planted Acres (000)	Area Harvested for Grain			
					Production					Production	
			Acres (000)	Yield Bu.	Bu. (000)	\$ Value (000)		Acres (000)	Yield Bu.	Bu. (000)	\$ Value (000)
State Total	BARLEY										
	2006	4.5	4.2	37.4	157.0	557.0	2.0	0.8	35.0	28.0	69.0
	2007	4.1	3.9	40.5	158.0	577.0	1.9	1.0	47.0	47.0	132.0
	2008	4.1	3.4	29.1	99.0	446.0	1.7	0.5	26.0	13.0	39.0
	2009	4.8	4.4	41.6	183.0	814.0	1.7	0.9	41.1	37.0	113.0
	2010	4.4	4.2	44.0	185.0	814.0	1.9	0.8	60.0	48.0	161.0
	2011	5.2	4.8	36.5	175.0	788.0	2.1	1.0	80.0	80.0	276.0
	2012	4.6	4.3	48.1	207.0	1,107.0	2.4	0.9	65.6	59.0	212.0
2013	3.6	3.3	33.3	110.0	594.0	1.3	0.4	37.5	15.0	56.0	
OATS											

ALASKA ALL HAY 2006 – 2013					
District	Year	Area Harvested (Acres)	Yield (Tons)	Production	
				Tons	\$ Value (000)
State Total	2006	20,000	1.10	22,000	5,500.0
	2007	23,000	1.35	31,000	8,370.0
	2008	18,000	1.11	20,000	6,300.0
	2009	20,000	1.15	23,000	7,130.0
	2010	20,000	1.20	24,000	7,320.0
	2011	19,000	1.16	22,000	6,600.0
	2012	22,000	1.23	27,000	8,505.0
	2013	20,000	0.75	15,000	5,925.0

ALASKA POTATOES 2006 - 2013						
District	Year	Area Planted (Acres)	Area Harvested (Acres)	Yield (Cwt.)	Production	
					Cwt.	\$ Value (000)
State Total	2006	860	840	221	186,000	3,757.0
	2007	890	870	202	176,000	3,538.0
	2008	800	780	173	135,000	3,348.0
	2009	780	740	185	137,000	3,315.0
	2010	760	750	200	150,000	3,570.0
	2011	750	720	186	134,000	3,176.0
	2012	680	650	215	140,000	3,864.0
	2013	650	620	210	130,000	3,055.0

ALASKA POTATO PRODUCTION, DISPOSITION AND AVERAGE PRICE 2006 - 2013						
Year	Production	Total Seed	Farm Food Seed ^{1/}	Shrinkage and Loss	Sold	\$ Price Per Cwt.
	Hundredweight (Cwt.)					
2006	186,000	18,000	20,000	37,000	129,000	20.20
2007	176,000	17,000	18,000	36,000	122,000	20.10
2008	135,000	17,000	18,000	19,000	98,000	24.80
2009	137,000	16,000	17,000	23,000	97,000	24.20
2010	150,000	15,000	19,000	21,000	110,000	23.80
2011	134,000	14,000	14,000	35,000	85,000	23.70
2012	140,000	13,000	12,000	20,000	108,000	27.60
2013	130,000	12,000	18,000	13,000	99,000	23.50

^{1/} Household use, livestock feed, and seed used on farm where grown.

ALASKA LIVESTOCK 2013

CATTLE AND CALVES: All cattle and calves totaled 10,000 head on January 1, 2014, down 500 head from the previous year. Inventory value of all cattle on January 1, 2014 totaled \$11,220,000, which was down \$560,000 from the previous year.

DAIRY: Milk cows that have calved numbered 300 on January 1, 2014, down 100 head from January 1, 2013. The average number of licensed dairy herds in Alaska was 3 for 2013.

MILK PRODUCTION in 2013 totaled 3,200,000 pounds, down 2,500,000 pounds from 2012. The value of milk produced, at \$704,000, was down \$664,000 from 2012. The 2013 value per hundredweight of milk was \$22.00.

BEEF COWS: On January 1, 2014 beef cows that have calved was 4,300 head, down 700 head from the previous year.

ALL OTHER CATTLE: All other cattle (including beef replacement heifers, dairy replacement heifers, other heifers, steers, bulls and calves) totaled 5,400 head on January 1, 2014. This is up 300 head from January 1, 2013.

HOGS: On December 1, 2013, there were 1,000 hogs and pigs on farms, unchanged from the previous year. All hogs kept for breeding, at 200 head and the number of market hogs, at 800 head, were also unchanged from December 1, 2012. Alaska producers averaged 8.5 pigs per litter, down slightly from 8.6 pigs per litter in 2012. Total value of hogs on December 1, 2013 was \$200,000, up from \$190,000 the previous year.

ALASKA MILK PRODUCTION AND VALUE 2006 – 2013						
District	Year	Milk Cows in Herd ^{1/}	Production (000 Lbs.)	Value of Production (\$000)	Value Per Cwt. (\$)	Percent Milkfat (%)
State Total	2006	800	9,800	1,970	20.10	3.38
	2007	600	8,800	2,006	22.80	3.44
	2008	600	7,200	1,699	23.60	3.55
	2009	600	6,000	1,470	24.50	3.44
	2010	600	7,100	1,732	24.40	3.41
	2011	500	6,900	1,670	24.20	3.43
	2012	400	5,700	1,368	24.00	3.62
	2013	300	3,200	704	22.00	4.00

1/ Includes all fresh and dry cows.

ALASKA MEAT PRODUCTION AND INCOME 2006 – 2013

Year	Production (1,000 lbs)	Marketings (1,000 lbs)	Value of Production (\$1,000)	Gross Income (\$1,000)
Cattle and Calves				
2006	3,588	2,567	3,621	3,019
2007	1,313	1,863	1,444	2,527
2008	1,150	1,776	1,205	2,423
2009	2,011	1,676	2,162	2,226
2010	2,309	2,326	2,371	2,888
2011	2,451	2,505	2,563	3,143
2012	1,370	2,768	1,620	3,703
2013	724	2,635	1,008	3,796
Hogs and Pigs				
2006	562	500	480	541
2007	492	400	421	427
2008	440	362	378	400
2009	604	409	547	481
2010	638	542	586	632
2011	608	506	422	466
2012	397	283	272	280
2013	374	275	261	284

ALASKA CATTLE ON FARMS (January 1) 2007 - 2014

District	2007	2008	2009	2010	2011	2012	2013	2014
BEEF COWS THAT HAVE CALVED								
Tanana Valley	400	600	600	600	500	2/	2/	2/
Matanuska Valley	260	500	400	400	400	2/	2/	2/
Southwest	5,610	4,600	4,300	4,200	3,900	2/	2/	2/
All Other Areas	230	200	200	200	300	2/	2/	2/
STATE TOTAL	6,500	5,900	5,500	5,400	5,100	5,300	5,000	4,300
MILK COWS THAT HAVE CALVED								
Tanana Valley	160	200	200	200	100	2/	2/	2/
Matanuska Valley	420	400	400	400	400	2/	2/	2/
Southwest	10	-	-	-	-	2/	2/	2/
All Other Areas	10	-	-	-	-	2/	2/	2/
STATE TOTAL	600	600	600	600	500	500	400	300
ALL OTHER CATTLE ^{1/}								
Tanana Valley	610	700	500	600	800	2/	2/	2/
Matanuska Valley	790	600	500	500	900	2/	2/	2/
Southwest	7,180	7,400	6,600	7,100	6,000	2/	2/	2/
All Other Areas	320	300	300	300	200	2/	2/	2/
STATE TOTAL	8,900	9,000	7,900	8,500	7,900	6,700	5,100	5,400
ALL CATTLE								
Tanana Valley	1,170	1,500	1,300	1,400	1,400	2/	2/	2/
Matanuska Valley	1,470	1,500	1,300	1,300	1,700	2/	2/	2/
Southwest	12,800	12,000	10,900	11,300	9,900	2/	2/	2/
All Other Areas	560	500	500	500	500	2/	2/	2/
STATE TOTAL	16,000	15,500	14,000	14,500	13,500	12,500	10,500	10,000
Value (000) Dollars	16,160	14,880	13,720	13,775	13,500	13,750	11,760	11,200

^{1/} Beef replacement heifers, dairy replacement heifers, other heifers, steers, bulls, calves.

^{2/} data not available.

ALASKA ALL HOGS AND PIGS BY CLASS 2006 - 2013								
Class	Dec. 1 2006	Dec. 1 2007	Dec. 1 2008	Dec. 1 2009	Dec. 1 2010	Dec. 1 2011	Dec. 1 2012	Dec. 1 2013
ALL HOGS AND PIGS	900	900	900	1,400	1,200	900	1,000	1,000
Slaughter Hogs and Pigs	600	600	700	1,100	1,000	700	800	800
Breeding Hogs	300	300	200	300	200	200	200	200

ALASKA FARROWINGS AND PIG CROP 2006 – 2013								
Item	2006	2007	2008	2009	2010	2011	2012	2013
Sows Farrowed	260	250	180	380	240	230	120	120
Pigs Crop	2,400	2,300	1,600	2,700	1,700	1,900	1,100	1,100
Pigs Per Litter	9.2	9.2	8.9	7.1	7.1	8.3	8.6	8.5

ALASKA ALL HOGS (December 1) 2006 – 2013								
District	2006	2007	2008	2009	2010	2011	2012	2013
Tanana Valley	260	300	300	700	400	600	500	1/
Matanuska Valley	600	500	500	600	700	300	500	1/
All Other Areas	40	100	100	100	100	0	0	1/
State Total	900	900	900	1,400	1,200	900	1,000	1,000
Value (000) Dollars	162.0	162.0	171.0	266.0	228.0	171.0	190.0	200.0

1/ data not available until February 2015.